

ABSTRACT OF THE DISCLOSURE

A fiberoptic sensing apparatus comprises a fiberoptic coupler in which a plurality of optical fibers are joined through a fused coupling region, the optical fibers including at least one input optical fiber and a plurality of output optical fibers, the fiberoptic coupler distributing light incident to the input optical fiber among the plurality of output optical fibers. The coupler is mounted to a support member and configured such that at least a portion of the coupling region can be deflected to change the light distribution among the output fibers without putting the coupling region under tension. A fluid column is cooperative with a deflection member disposed to deflect the portion of the coupling region.